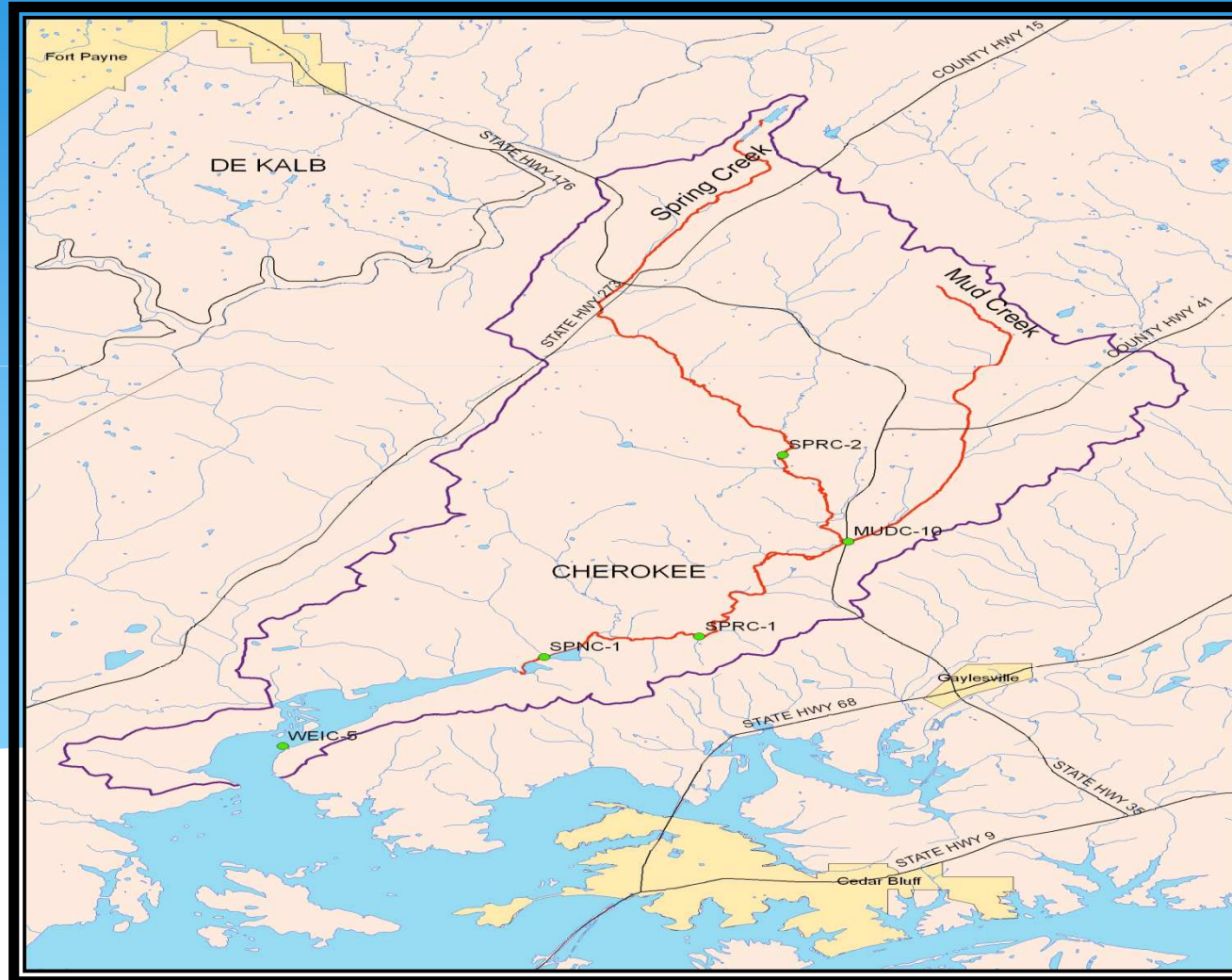


MAKING A DIFFERENCE



MUD AND SPRING CREEK WATERSHED

MAKING A DIFFERENCE



MAKING A DIFFERENCE

Understand the issues

Overview of the area

Identify the tools available

Identify Partners

MAKING A DIFFERENCE

Issues

- * Listed on 303D list for pathogens



MAKING A DIFFERENCE

Area

- * Watershed is about 40.5 square miles in size
- * Less than 1% considered “developed land”
- * Forested land 85%
- * Agricultural Land 11% (60% pasture and hay & 39% crops)
- * Wetlands less than 1%
- * Open water 3%
- * 72.9% of the watershed has severe limitations for septic tank usage
- * Approximately 800 septic tanks in the watershed

MAKING A DIFFERENCE TOOLS

Watershed Management Plan

Where

Why

Demographics

Characteristics

Maps

Strategy

Measuring Results



MAKING A DIFFERENCE TOOLS

Implementation Budget

Timeline

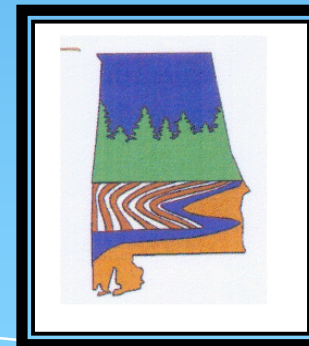
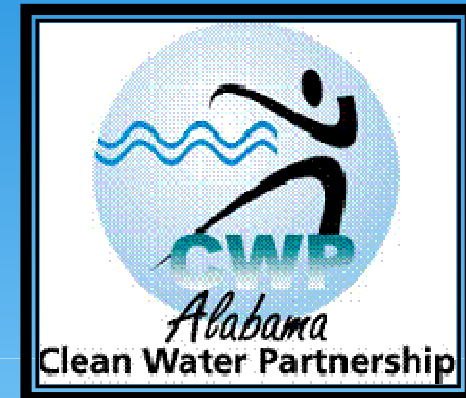
Recommended Best Management Practices



MAKING A DIFFERENCE

Partners

Technical Assistance Resources



MAKING A DIFFERENCE Partners

Alabama Department of Environmental Management

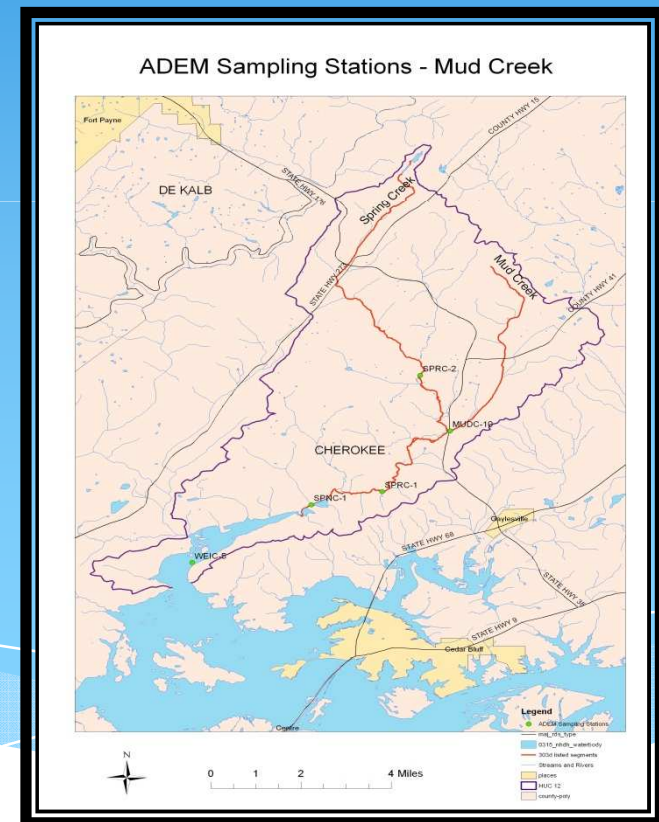
Historical Water Quality Data

Maps

Guidance

Educational Programs

Motivation



MAKING A DIFFERENCE

Partners

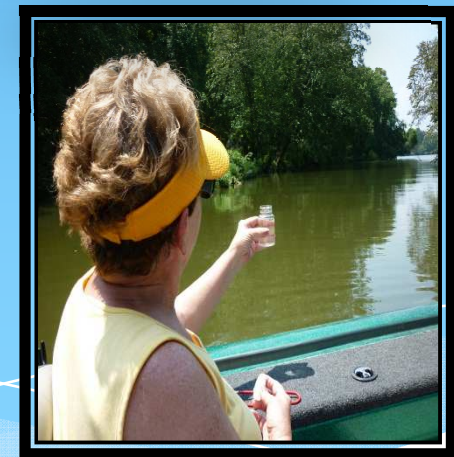
Weiss Lake Improvement Association

E – Coli Testing

Ground Water Festival

Rain Barrel Workshops

Re-New Our Rivers



MAKING A DIFFERENCE

Partners

Alabama Water Watch

Training

Site Data Summaries



MAKING A DIFFERENCE Partners

Alabama Cooperative Extension System

Rain Barrel Workshops

Groundwater Festival

Grazing Clinic



MAKING A DIFFERENCE

Partnerships

Alabama Cooperative Extension System

Environmental Stewardship Clinics

- **Introduction to Water Resources**
- **Soil Management for Healthy Water**
- **Managing Stream Side Forests for Wildlife, Livestock and Water Health**
- **Grass Management for Healthy Water**
- **Farm Pond Management**
- **Smarts Yards for Healthy Water**

MAKING A DIFFERENCE Partners

Alabama Department of Public Health
Get Pumped Workshops

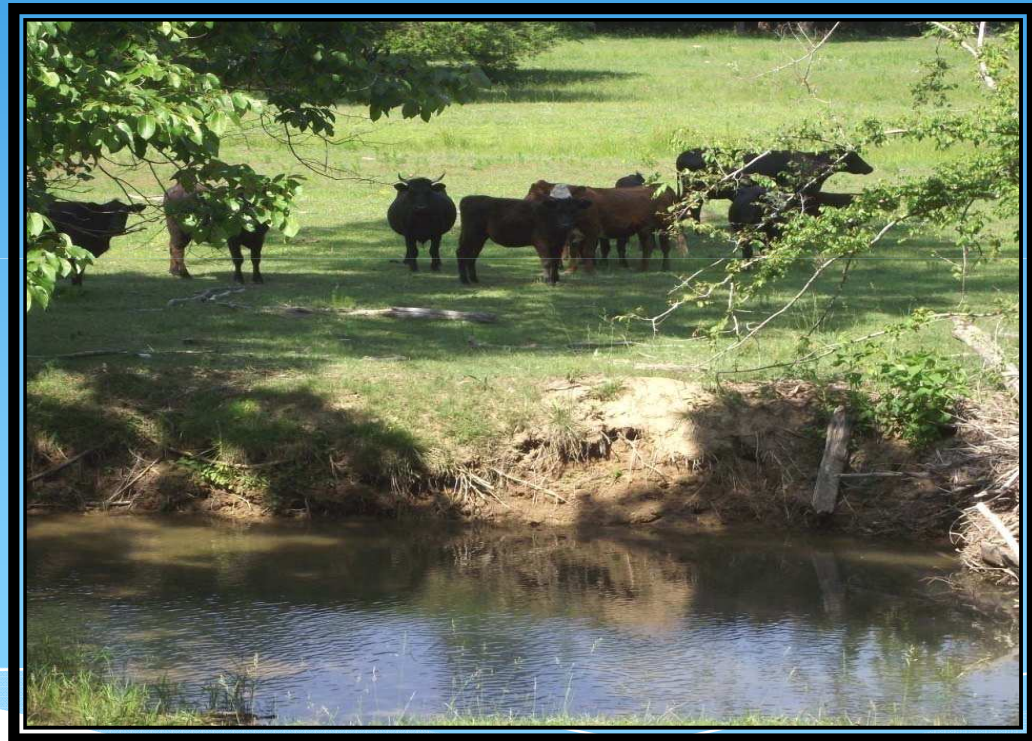


MAKING A DIFFERENCE

Partners

**Home / Land
Owners**

**Livestock
Operations**



MAKING A DIFFERENCE

Best Management Practices

Cattle Stocking Operation (Spring Creek)

Cross fencing

Stream crossing

Watering Troughs

Cattle Producer (Mud Creek)

Fence for livestock exclusion

Tree Planting

Converting pasture to tree establishment

MAKING A DIFFERENCE

Education

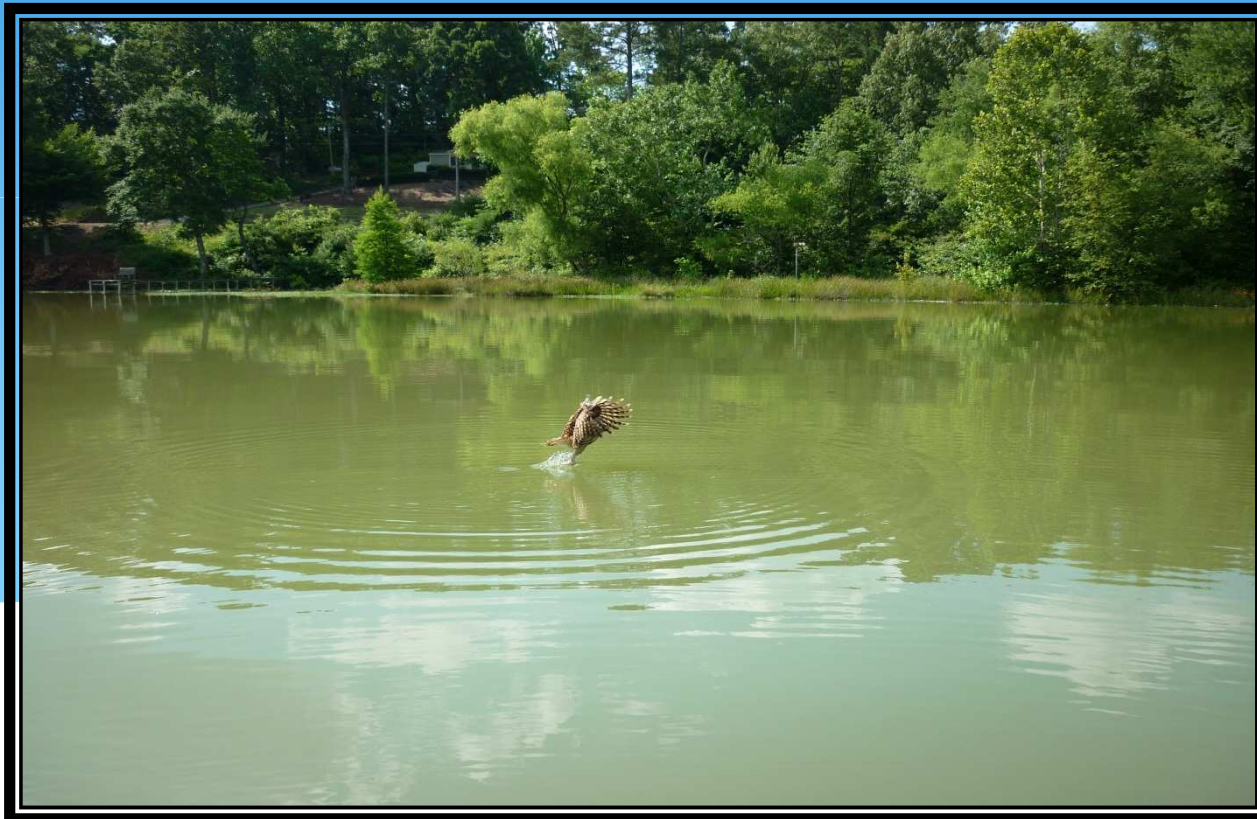
How we think about land use



MAKING A DIFFERENCE

Education

How we think about water use



MAKING A DIFFERENCE

Education

How we preserve and conserve for tomorrow

